

Mohammad Hosein Fakheri

List of Publications by Year in descending order

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13
papers

108
citations

1307594

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1372567

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13
docs citations

13
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of Coating Materials for Cloaking and Directivity Enhancement of Cylindrical Antennas Using Transformation Optics. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3122-3125.	4.0	21
2	Geometry free materials enabled by transformation optics for enhancing the intensity of electromagnetic waves in an arbitrary domain. Journal of Applied Physics, 2020, 127, .	2.5	15
3	Exploiting transformation optics for arbitrary manipulation of antenna radiation pattern. IET Microwaves, Antennas and Propagation, 2019, 13, 1271-1279.	1.4	13
4	Feasible Thermodynamics Devices Enabled by Thermal-Null Medium. Physical Review Applied, 2020, 14, .	3.8	12
5	Carpet Cloak Design for Rough Surfaces. Chinese Physics Letters, 2017, 34, 084101.	3.3	11
6	Three-dimensional ultra-wideband carpet cloak using multi-layer dielectrics. Microwave and Optical Technology Letters, 2017, 59, 1284-1288.	1.4	8
7	Non-closed acoustic cloaking devices enabled by sequential-step linear coordinate transformations. Scientific Reports, 2021, 11, 1845.	3.3	8
8	Experimental Verification of Shape-Independent Surface Cloak Enabled by Nihility Transformation Optics. Advanced Optical Materials, 2021, 9, 2100816.	7.3	6
9	Experimental demonstration of an arbitrary shape dc electric concentrator. Scientific Reports, 2020, 10, 16722.	3.3	4
10	Breaking the acoustic diffraction limit with an arbitrary shape acoustic magnifying lens. Scientific Reports, 2021, 11, 12958.	3.3	3
11	Angularly Dispersionless Scattering Patterns for Impenetrable Surfaces: <i>A straightforward design based on transformation optics</i> . IEEE Antennas and Propagation Magazine, 2021, 63, 62-74.	1.4	3
12	Application of transformation optics in radar cross section reduction of targets with arbitrary two-dimensional geometries. Journal of Applied Physics, 2019, 125, .	2.5	2
13	BI-FUNCTIONAL ANTENNA COATING FOR CLOAKING AND DIRECTIVITY ENHANCEMENT MADE OF ISOTROPIC MATERIALS. Progress in Electromagnetics Research M, 2020, 90, 9-18.	0.9	2